

AMENDMENTSIn the Claims

Please cancel claims 27-34 and 45.

Claims 35-44 remain pending and are listed following:

27-34. (cancel).

35. (Previously presented) A method for presenting hierarchical categorized directory information via a plurality of arranged visual elements on a computer-enabled user interface, wherein visual elements represent directory system entities and the arrangement of elements represents the interrelationships of the corresponding directory system entities, the method comprising:

displaying the plurality of arranged visual elements on the user interface via a first thread;

receiving a user selection of a plurality of the elements;

receiving a user request to boost the retrieval priority of a particular one of the selected plurality of elements;

in response to receiving the user request, boosting the priority of the particular selected element; and

1 retrieving data associated with the plurality of the elements via a second
2 thread giving priority to data associated with the particular selected element, so that
3 the plurality of arranged visual elements remain responsive to user interaction while
4 data associated with the plurality of the elements is being retrieved.

5 **36. (Previously presented)** The method of claim 35, wherein the first
6 thread is a main thread and the second thread is a worker thread executing
7 asynchronously with respect to the main thread.

9 **37. (Previously presented)** The method of claim 36, further
10 comprising the worker thread notifying the main thread that the data is available
11 after retrieving the data.

13 **38. (Previously presented)** The method of claim 36, further
14 comprising the worker thread placing the retrieved data in a cache and the main
15 thread accessing the data from the cache and displaying the data.

17 **39. (Previously presented)** The method of claim 38, further
18 comprising:

20 receiving a user request to display a partially retrieved portion of the data;
21
22 in response to the user request, obtaining the partially retrieved portion from
23 the cache; and

24 displaying the partially retrieved portion of the data.
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1 **40. (Previously presented)** The method of claim 35, wherein the
2 displayed elements are arranged as nodes of a graphical hierarchy.
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4 **41. (Previously presented)** The method of claim 40, wherein the
5 graphical hierarchy is a tree.
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7 **42. (Previously presented)** The method of claim 35, further
8 comprising the second thread retrieving data for populating the hierarchy.
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10 **43. (Previously presented)** The method of claim 35, further
11 comprising displaying the retrieved data, wherein the retrieved data is displayed in
12 a different screen than the plurality of arranged visual elements.
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14 **44. (Previously presented)** A computer-readable medium having
15 thereon computer-executable instructions for executing a method for presenting
16 hierarchical categorized directory information via a plurality of arranged visual
17 elements on a computer-enabled user interface, wherein visual elements represent
18 directory system entities and the arrangement of elements represents the
19 interrelationships of the corresponding directory system entities, the instructions
20 comprising instructions for:
21

22 displaying the plurality of arranged visual elements on the user interface via
23 a first thread;
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25 receiving a user selection of a plurality of the elements;

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1 receiving a user request to boost the priority of a particular selected element;
2 and, in response to receiving the user request, boosting the priority of the particular
3 selected element;

4 retrieving data associated with the plurality of the elements via a second
5 thread giving priority to data associated with the particular selected element, so that
6 the plurality of arranged visual elements remain responsive to user interaction while
7 data associated with the plurality of the elements is being retrieved.

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9 45. (cancel).
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